

WHAT IS CLAIMED IS:

- 5
1. An apparatus for displaying local time information, comprising:
 means for storing Greenwich mean time (GMT) information for each of
 a plurality of cities;
 means for setting a reference time;
 means for counting a duration of time that elapses from when said
 reference time is set;
 means for selecting at least one of said plurality of cities and
 calculating a local time of said selected city, said local time being based on a
 10 difference between the GMT of said selected city and the GMT of a present location
 of said apparatus, said reference time and said elapsed time; and
 means for outputting said local time.
- 15
2. The apparatus of claim 1, wherein said apparatus is a mobile
 telephone.
3. The apparatus of claim 1, wherein said reference time is set by
 a user of said apparatus.
4. The apparatus of claim 1, wherein said reference time is
 acquired from a signal received from a remote system.
- 20
5. The apparatus of claim 2, wherein said reference time is a
 system time acquired from a sync channel message received by said mobile cellular
 phone from a base station of a CDMA (Code Division Multiple Access) cellular
 system.

54B
22

5

6. In an apparatus having a display and a memory for storing Greenwich mean time (GMT) information for each of a plurality of cities, a method for generating local time information, comprising the steps of:

setting a reference time;
counting a time which elapses from said setting of said reference time;
selecting at least one of said plurality of cities;
calculating a local time of said selected city based on a difference between the GMT of said selected city and the GMT of a present location of said apparatus, said reference time and said elapsed time; and
10 displaying said calculated local time.

7. The method of claim 6, further comprising the step of displaying a message to set a reference time if said step of setting a reference time does not occur.

8. The method of claim 6, wherein said step of selecting includes
15 the substeps of:
displaying a list of said plurality of cities; and
scrolling through said list to select a desired one of said plurality of cities.

20 9. The method as claimed in claim 6, wherein said reference time is a time set by a user.

10. The method of claim 6, wherein said reference time is a system time acquired from a signal generated from a remote system and received by said apparatus.

11. The method of claim 6, wherein said apparatus is a mobile telephone.

12. The method of claim 11, wherein said reference time is a system time acquired from a sync channel message received from a base station of a CDMA cellular system.

5

09118100-071798
862720-0018160